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PTO/SB/50 (1/98)

Approved for use through 09/30/2000. OMB 0651-0033

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## REISSUE PATENT APPLICATION TRANSMITTAL

Address to:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Attorney Docket No.	3369US (91-365.RE)
First Named Inventor	Sandhu
Original Patent Number	5,231,056
Original Patent Issue Date (Month/Day/Year)	7/27/93
Express Mail Label No.	EM339601582US

APPLICATION FOR REISSUE OF:  
(check applicable box)



Utility Patent



Design Patent



Plant Patent

### APPLICATION ELEMENTS

- ☒ \* Fee Transmittal Form (PTO/SB/56)  
(Submit an original, and a duplicate for fee processing)
- ☒ Specification and Claims (amended, if appropriate)
- ☒ Drawing(s) (proposed amendments, if appropriate)
- ☒ Reissue Oath / Declaration (original or copy)  
(37 C.F.R. § 1.175)(PTO/SB/51 or 52)
- Original U.S. Patent  
☒ Offer to Surrender Original Patent (37 C.F.R. § 1.178)  
(PTO/SB/53 or PTO/SB/54)  
or  
☐ Ribboned Original Patent Grant  
☐ Affidavit / Declaration of Loss (PTO/SB/55)
- Original U.S. Patent currently assigned?  
☒ Yes ☐ No  
(If Yes, check applicable box(es))  
☐ Written Consent of all Assignees (PTO/SB/53 or 54)  
☒ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(in Power of Attorney)

### ACCOMPANYING APPLICATION PARTS

- ☐ Transfer drawings from Patent File
- ☐ Foreign Priority Claim (35 U.S.C. 119)  
(if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
- ☐ English Translation of Reissue Oath/Declaration  
(if applicable)
- ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application.  
(PTO/SB/09-12) Status still proper and desired
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☒ Other: Request to Change  
Correspondence Address  
(in Power of Attorney)

\* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

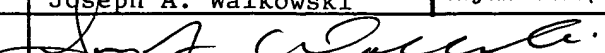
### 15. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	Joseph A. Walkowski				
	Trask Britt & Rossa				
Address	P.O. Box 2550				
City	Salt Lake City	State	UT	Zip Code	84110
Country	U.S.A.	Telephone	801-531-1922	Fax	801-531-9168

NAME (Print/Type)	Joseph A. Walkowski	Registration No. (Attorney/Agent)	28,765
Signature		Date	2/12/98

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

09/023146

PTO/SB/17 (1/98)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

**TOTAL AMOUNT OF PAYMENT** (\$ 1,218.00)**Complete if Known**

Application Number	
Filing Date	February 12, 1998
First Named Inventor	Sandhu
Examiner Name	
Group / Art Unit	
Attorney Docket No.	3369US (91-365.RE)

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name

20-1469

Trask Britt &amp; Rossa

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☒
- Payment Enclosed:

☒ Check☐ Money Order☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	790
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1)** (\$ 790)**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
32	-20** = 12	22	264
4	-3** = 2	182	164
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	** Reissue independent claims over original patent
110	22	210	11	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ 428)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ )**SUBMITTED BY**

Typed or Printed Name Joseph A. Walkowski

Signature

Date

2/12/98

**Complete (if applicable)**

Reg. Number

28,765

Deposit Account User ID

20-1469

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Reissue Application of:**

Gurtej S. Sandhu

**U.S. Patent No.: 5,231,056**

**Issued: July 27, 1993**

**For: TUNGSTEN SILICIDE (WSI)  
DEPOSITION PROCESS FOR  
SEMICONDUCTOR  
MANUFACTURE**

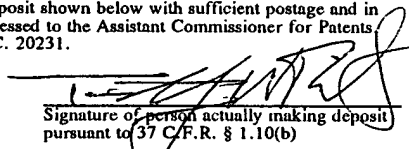
**Reissue Serial No.: To Be Assigned**

**Attorney Docket No.: 3369US  
(91-365.RE)**

**CERTIFICATE OF MAILING UNDER RULE 1.10**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service (under 37 C.F.R. § 1.10) (Express Mail Mailing Label Number: **EM339601582US**) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Assistant Commissioner for Patents Washington, D.C. 20231.

**2/12/98**  
Date of Deposit

  
Signature of person actually making deposit  
pursuant to 37 C.F.R. § 1.10(b)

**Timothy W. Ricks**  
Typed/printed name of person whose  
signature is contained above

**OFFER TO SURRENDER**

Hon. Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

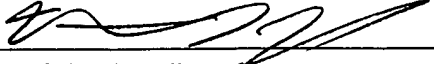
The undersigned applicant of the accompanying reissue application of Letters Patent for "TUNGSTEN SILICIDE (WSI) DEPOSITION PROCESS FOR SEMICONDUCTOR MANUFACTURE", U. S. Patent No. 5,231,056, granted July 27, 1993, of which Micron Technology, Inc. is now sole owner by assignment, and on whose behalf and with whose assent the accompanying application is made, hereby offers to surrender said Letters Patent.

Pursuant to 37 C.F.R. § 3.73(b), the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Micron Technology, Inc. recorded on February 10, 1992, at Reel 6011, Frames 0355-0356, and certifies that to the best of his knowledge and belief, title remains in the name of Micron Technology, Inc.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Micron Technology, Inc.

Date: Feb 5, 1998

By:   
Michael L. Lynch  
Reg. No. 30,871  
Chief Patent Counsel